"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.A.

Distribution of game waterfowl in the U.S.S.R. at present and in recent times. Biul. MOIP. Otd. biol. 69 no.1:41-50 Ja-F '64. (MIRA 17:4)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

BARYKINA, V.V.; ISAKOV, Yu.A.

Conference on the geography of fruit bearing forest trees, shrubs, and groves of berry plants. Izv. AN SSSR. Ser. geog. no.3:147-149 My-Je '65. (MIRA 18:6)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.A.

Academician Evgenii Nikanorovich Pavlovskii, 1884-1965; obituary.
Izv. AN SSSR. Ser. geog. no.5:156-157 S-O '65.
(MIRA 18:10)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

AVSYUK, G.A.; ARMAND, D.L.; VENDROV, S.L.; GELLER, S.Yu.; GERASIMOV, I.P.; GRIGOR'YEV, A.A.; GRICHUK, V.P.; DZERDZEYEVSKIY, B.L.; KAMANIN, L.G.; ISAKOV, Yu.A.; LEONT'YEV, N.F.; L'VOVICH, M.I.; MURZAYEV, E.M.; NEYSHTADT, M.I.; RIKHTER, G.D.; SOBOLEV, L.N.

On Academician Vladimir Nikolaevich Sukachev's 85th birthday. Izv. AN SSSR. Ser. geog. no.4:3-4 Jl-Ag '65.

(MIRA 18:8)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.A., red.; STARODUB, T.A., tekhn. red.

[Principles of the design of self-teaching systems]
Printsipy postroeniia samoobuchaiushchikhsia sistem.
Kiev, Gostekhizdat USSR, 1962. 117 p. (MIRA 16:11)
(Automatic control) (Electronic computers)
(Perceptrons)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.A.; LUKASHEVICH, L.P.; PANCHENKO, D.I.

Autonomic conditioner with wide-range regulation of room microclimate (Biotop-2). Vrach. delo no.12:111-117 D '61. (MIRA 15:1)

1. Eksperimental'noye otdeleniye biotrona Kiyevskoy oblastnoy bol'nitsy.
(CLIMATOLOGY, MEDICAL) (AIR CONDITIONING)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.A.

Physical and technological resources of the biotron and maintaining stable conditions in its wards. Vrach. delo 4:87-91 Ap '62.
(MIRA 15:5)

1. Glavnyy inzhener biotrona Kiyevskoy oblastnoy bol'nitsy.
(CLIMATOLOGY, MEDICAL)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.A.

New data on air ionization in the biotron. Vrach.delo no.12: 110-113 D '62. (MIRA 15:12)

1. Glavnyy inzhener biotrona Kiyevskoy oblastnoy bol'nitsy. (CLIMATOLOGY, MEDICAL) (AIR, IONIZED--THERAPEUTIC USE)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

KUSSUL', A.M., inzh.; SKURYGIN, [illegible].K., inzh.; ISAKOV, Yu.A., inzh.

Operation of large current carrying contactors at high temperatures. Elektrotekhnika 35 no.5:54-55 My'64 (MIRA 17:8)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.A., kand.tekhn.nauk (Kiyev)

Ball-electric effect and its utilization for ionization in systems of air conditioning. Vod. i san. tekh. no.10:5-7 O '64. (MIRA 18:3)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu. F.

"Intravenous and Intraossal Anesthesia in Operations on the Extremities of Children." Cand Med Sci, Second Moscow State Medical Inst imeni I. V. Stalin, Moscow 1954. (KL, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.F.

Surgical treatment of pneumococcal peritonitis in children.
Pediatriia no.2:65-69 Mr-Ap '54. (MLRA 7:6)

1. Iz kliniki detskoy khirurgii (zav. prof. S.D.Ternovskiy) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina (dir. dotsent S.I.Milovidov) na base detskoy klinicheskoy bol'nitsy imeni N.F.Filatova (glavnyy vrach M.N.Kalugina)
(PNEUMOCOCCAL INFECTIONS,
*peritonitis in child., surg.)
(PERITONITIS, in infant and child,
*surg., pneumococcal peritonitis)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu. F.

USSR/Pharmacology, Toxicology. Local Anesthetics V-3

Abs Jour : Ref Zhur - Biol., No 5, 1958, No 23254

Author : Isakov Iu.F.
Inst : Not Given
Title : On the Problem of Intravenous and Intraosseous Anesthesias in Operations on Extremities. (An Experimental Study.)

Orig Pub : Khirurgiya, 1956, No 3, 14-16

Abstract : The degree of penetration of trypan blue (1:2 ml of a 1% solution) in tissues at intravenous and intraosseous administrations was studied on 20 rabbits. It was found that 1, diffusing from the vessels, penetrated all tissues, especially nervous tissue. The degree of tissue impregnation by 1 for equal periods of 10 minutes in intravenous administration was greater than at intraosseous, and became equal only in the 15th minute. At an intravenous administration 1 diffused rapidly through the blood circulation system up to the smallest capillaries, including those that passed through the cortical layer of the bones. At an intraosseous administration 1 penetrated into the spongy part of the bone, impregnating it, then entered the capillaries, passed over into the blood circulation system and diffused in the tissues.

Card : 1/1

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

TERNOVSKIY, S.D., ISAKOV, Yu.F., kand.med.nauk., PUGACHEV, A.G., kand.med.nauk

Use of neuroplegic substances in pediatric surgery. Vest.AMN SSSR 13 no.11:11-16 '58 (MIRA 11:12)

1. Chlen-korrespondent AMN SSSR (for Ternovskiy).
(PEDIATRICS, surg.
use of CNS depressants in pediatric surg. (Rus))
(CENTRAL NERVOUS SYSTEM, eff. of drugs on
depressants, use in pediatric surg. (Rus))

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.F., kand.med.nauk

Anesthesia in wounds of the extremities in children. Ortop.travm. i protez. 19 no.3:69 My-Je '58 (MIRA 11:7)

1. Iz kliniki detskoy khirurgii (zav. kafedroy - prof. S.D. Ternovskiy) 2-go Moskovskogo meditsinskogo instituta im. N.I. Pirogova.
(PEDIATRIC ANESTHESIA)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.F., kand.med.nauk

Melanoma in children. Khirurgiia 34 no.1:123-127 Ja '58.
(MIRA 11:3)

1. Iz kliniki detskoy khirurgii II Moskovskogo meditsinskogo instituta (zav. kafedroy-prof. S.D.Ternovskiy)
(PACE, neoplasms,
melanoma in child. (Rus)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.F., kand.med.nauk

Megacolon in chlidre and its surgical treatment. Khirurgiia 35 no.7: 75-80 Jl '59. (MIRA 12:12)

1. Iz kliniki detskoy khirurgii (zav. - chlen-korrespondent AMN SSSR prof. S.D. Ternovskiy) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.
(MEGACOLON, surgery)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yuriy Fedorovich

[Intravenous and intraosseous anesthesia in surgery on the extremities in children] Vnutrivennaia i vnutrikostnaia anesteziia pri operatsiiakh na konechnostiakh u detei. Moskva, Medgiz, 1960. 74 p. (MIRA 13:12)

(PEDIATRIC ANESTHESIA) (EXTREMITIES (ANATOMY)--SURGERY)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.F., kand.med.nauk (Moskva, Ye-94, Gospital'nyy val., d.5, korp. 1, kv.9); TISHLER, E.Ya.

Roentgen diagnosis of Favalli-Hirschsprung's disease in children. Vest. rent. i rad. 35 no. 6:37-41 N-D '60. (MIRA 14:2)

1. Iz kliniki detskoy khirurgii (zav. -chlen-korrespondent AMN SSSR prof. S.D. Ternovskiy [deceased]) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova i rentgenovskogo otdeleniya (zav. A.I. Gingol'd) detskoy klinicheskoy bol'nitsy imeni prof. N.F. Filatova (glavnyy vrach L.A. Vorokhobov).
(COLON--RADIOGRAPHY)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.F.; PUGACHEV, A.G.

Use of potentiated anesthesia in pediatric surgery. Khirurgiia 36 no.7:55-60 Je '60. (MIRA 13:12)
(CHILDREN—SURGERY) (HIBERNATION, ARTIFICIAL)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu. F., dotsent

Morphological study and some problems in the surgical treatment of Hirschsprung's disease in children. Khirurgiia no.6:89-92 Je '62. (MIRA 15:7)

1. Iz kliniki detskoy khirurgii (zav. - doktor meditsinskikh nauk I. K. Murashov) i kafedry gistologii (zav. - prof. T. A. Grigor'yeva) II Moskovskogo meditsinskogo instituta imeni N. I. Pirogova.

(COLON--ABNORMITIES AND DEFORMITIES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

AREND T,A.A., prof.; ARTARYAN,A.A., kand.med.nauk; BAIROV,G.A.,prof.; VOLKOV,M.V., prof.; VARSHAVSKAYA, D.Ya., kand. med. nauk; VOROKHOBOV, L.A.; GENERALOV, A.I., kand. med. nauk; DANIYEL'BEK, K.V., kand. med. nauk; DERZHAVIN, V.M., kand. med. nauk; DOLETSKIY, S.Ya., prof.; YERMOLIN, V.N.; ZATSEPIN, S.T., kand. med. nauk; ZVYAGINTSEV, A.Ye., dots.; ISAKOV,Yu.F., doktor med. nauk; KOZYREV, V.A., kand. med. nauk; KONOVALOV, A.N.; KORNYANSKIY, G.P., prof.; KLIMANSKIY, V.A., kand. med. nauk; KLIMKOVICH, I.G., dots.; KONDRASHIN, N.I., kand. med. nauk LEVINA, O.Ya., kand. med. nauk; LENYUSHKIN, A.I., kand. med. nauk; LEYBZON, N.D., doktor med. nauk; MALININA, L.I., doktor med. nauk; MAREYEVA, T.G., kandidat meditsinskikh nauk; NERSESYANTS, S.I., kand. med. nauk; OVCHINNIKOV, A.A.; OGLEZNEV, K.Ya., kand. med. nauk; ROSTOTSKAYA, V.I., kand, med. nauk; STEPANOV, E.A., kand. med. nauk; EPSHTEYN, P.V.; OSTROVERKHOV, G.Ye., prof., glav. red.; DOMBROVSKAYA, Yu.F., prof., otv. red.

[Multivolume manual on pediatrics]Mnogotomnoe rukovodstvo po pediatrii. Moskva, Meditsina. Vol.9.[Pediatric surgery] Khirurgiia detskogo vozrasta. Red.toma S.IA.Doletskii. 1964. 654 p. (MIRA 17:9)

1. Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya). 2. Chlen-korrespondent AMN SSSR (for Bairov, Volkov).

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yuriy Fedorovich; PANTYUKOV, Yu.M., red.

[Megacolon in children] Megakolon u detei. Moskva, Meditsina, 1965. 221 p. (MIRA 18:1)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

GORODETSKIY, V.I., inzh.; ZYBIN, P.M., inzh.; ISAKOV, Yu.N., inzh.; D'YACHENKO, N.Kh., doktor tekhn.nauk, prof.; LIVENTSEV, F.L., kand.tekhn.nauk, dotsent; MEL'NIKOV, G.V., kand.tekhn.nauk, dotsent

A new gas pipe line compressor station with evaporation cooling of the gas motor compressors. Energomashinostroenie 10 no.1:27-29 Ja '64. (MIRA 17:4)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

LEBEDEV, V.V., starshiy nauchnyy sotrudnik; ISAKOV, Yu.V., kand. med. nauk

Some problems of diagnosis and surgical treatment of acute cranio-cerebral traumas based on materials of the Sklifosovskii Institute. Trudy Inst. im. N.V. Sklif. 8:5-11 '63.

(MIRA 18:6)

1. Institut skoroy pomoshchi imeni Sklifosovskogo, Moskva.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.V., kand. med. nauk

Tracheostomy in some forms of pathologic respiration in patients with serious craniocerebral traumas. Trudy Inst. im. N.V. Sklif. 8: 83-89 '63. (MIRA 18:6)

1. Institut skoroy pomoshchi imeni Sklifosovskogo, Moskva.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

LEBEDEV, V.V., starshiy nauchnyy sotrudnik; ISAKOV, Yu.V., kand. med. nauk

Cases in the blood in pathology of central respiratory regulation in patients with serious craniocerebral traumas. Trudy Inst. im. N.V. Sklif. 8:99-103 '63. (MIRA 18:6)

1. Institut skoroy pomoshchi imeni Sklifosovskogo, Moskva.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.V., kand. med. nauk; VICHTOMOVA-OSIPENKOVA, T.K., kand. med. nauk

Drainage of the respiratory tract through tracheostomy in disorders of its patency in the lower sections. Trudy Inst. im. N.V. Sklif. 8:145-150 '63. (MIRA 18:6)

1. Institut skoroy pomoshchi imeni Sklifosovskogo, Moskva.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

BULANOV, P.A.; ISAKOV, Yu.V

Production of experimental anticancer vaccine. Vest.AN Kazakh.SSR 16 no.11:34-38 N '60. (MIRA 13:12)

(CANCER)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ARAPOV, D.A.; ISAKOV, Yu.V.

Indications and contraindications for tracheostomy in some types of respiratory disorders (Clinical and experimental data). Grud. khir. 3 no.6:105-111 N-D '61. (MIRA 15:3)

1. Iz 1 khirurgicheskoy kliniki (zav. - prof. D.A. Arapov) Instituta imeni N.V. Sklifosovskogo (dir. - zasluzhennyy vrach UkrSSR M.M. Tarasov).
(TRACHEA--SURGERY) (RESPIRATORY ORGANS--DISEASES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOV, Yu.V.

Effect of tracheostomy on the character of external respiration and gases in the arterial blood in pathological respiration under experimental conditions. Eksper.khir.i anest. 6 no.4:38-43 '61. (MIRA 14:10)

(TRACHEA—SURGERY) (RESPIRATION)
(BLOOD—OXYGEN CONTENT)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

LEBEDEV, V. V., kand. med. nauk; ISAKOV, Yu. V. (Moskva)

Gaseous composition of the blood in severe craniocerebral trauma. Vop. neirokhirurgii no.3:19-23 '62. (MIRA 15:7)

1. 1-ya khirurgicheskaya klinika instituta imeni Sklifosovskogo i klinika obshchey khirurgii II Moskovskogo meditsinskogo instituta imeni N. I. Pirogova.

(BRAIN—WOUNDS AND INJURIES) (BLOOD, GASES IN)
(SKULL—WOUNDS AND INJURIES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ARAPOV, D.A. (Moskva, 6, Kalyayevskaya ul., d. 39/6, kv. 75); ISAKOV, Yu.V.

"Wet lung syndrome in a severe closed injury of the chest."
Grud. khir. 5 no.6:69-75 N-D'63 (MIRA 17:2)

1. Iz Instituta skoroy pomoshchi imeni N.V.Sklifosovskogo, Moskva.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ARAPOV, D.A., zasluzhennyy deyatel' nauki, prof.; ISAKOV, Yu.V., kand. med. nauk

Complications following tracheostomy. Vest. khir. 92 no.5:3-10 My '64. (MIRA 18:1)

1. Iz Nauchno-issledovatel'skogo instituta skoroy pomoshchi imeni Sklifovskoto, Moskva. Adres avtorov: Moskva, I-10, Kolkhoznaya ploshchad', 3, Nauchno-issledovatel'skiy institut skoroy pomoshchi imeni Sklifovskogo.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ARAPOV, Dmitriy Alekseyevich; ISAKOV, Yuriy Viktorovich; DEKHTYAR', Ye.G., red.

[Tracheostomy as a therapeutic method in emergency states] Trakheostomiia kak lechebnyi metod pri neotlozhnykh sostoianiiakh. Moskva, Izd-vo "Meditsina," 1964. 162 p. (MIRA 17:5)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

LEBEDEV, V.V.; ISAKOV, Yu.V.; POKROVSKIY, G.A.

Shock as a result of craniocerebral injuries. Vop. neirokhir. 28 no.6:1-6 N-D '64. (MIRA 18:4)

1. Ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy institut skoroy pomoshchi imeni Sklifosovskogo, Moskva.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

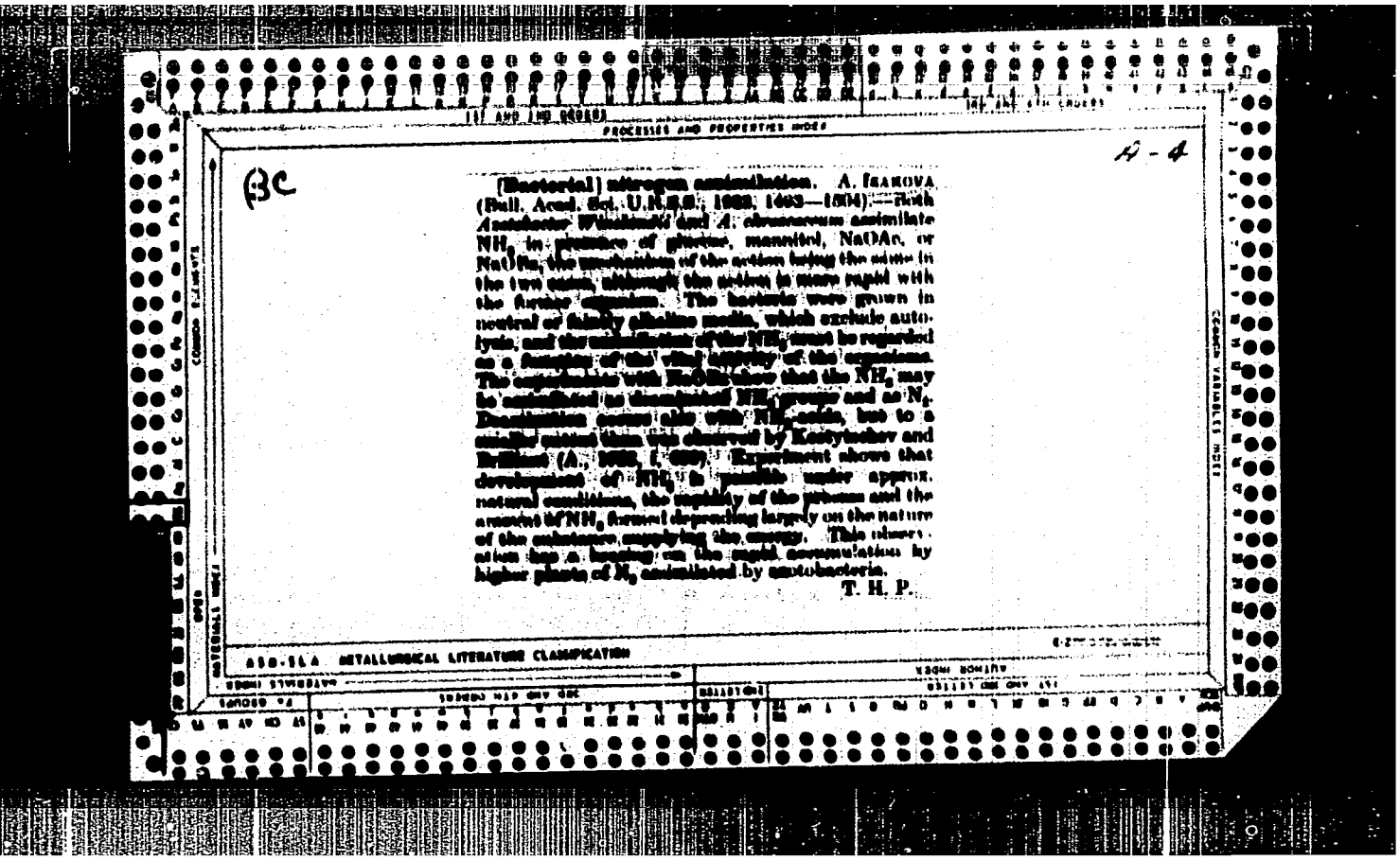
"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, A.A., inzh.; KROSHKO, A.N., inzh.

Organization of communication to control gas conduits in Italy.
Stroi. truboprov. 6 no.9:31-32 S '61. (MIRA 14:9)
(Italy--Pipelines--Communication systems)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1



4 - 4

BC

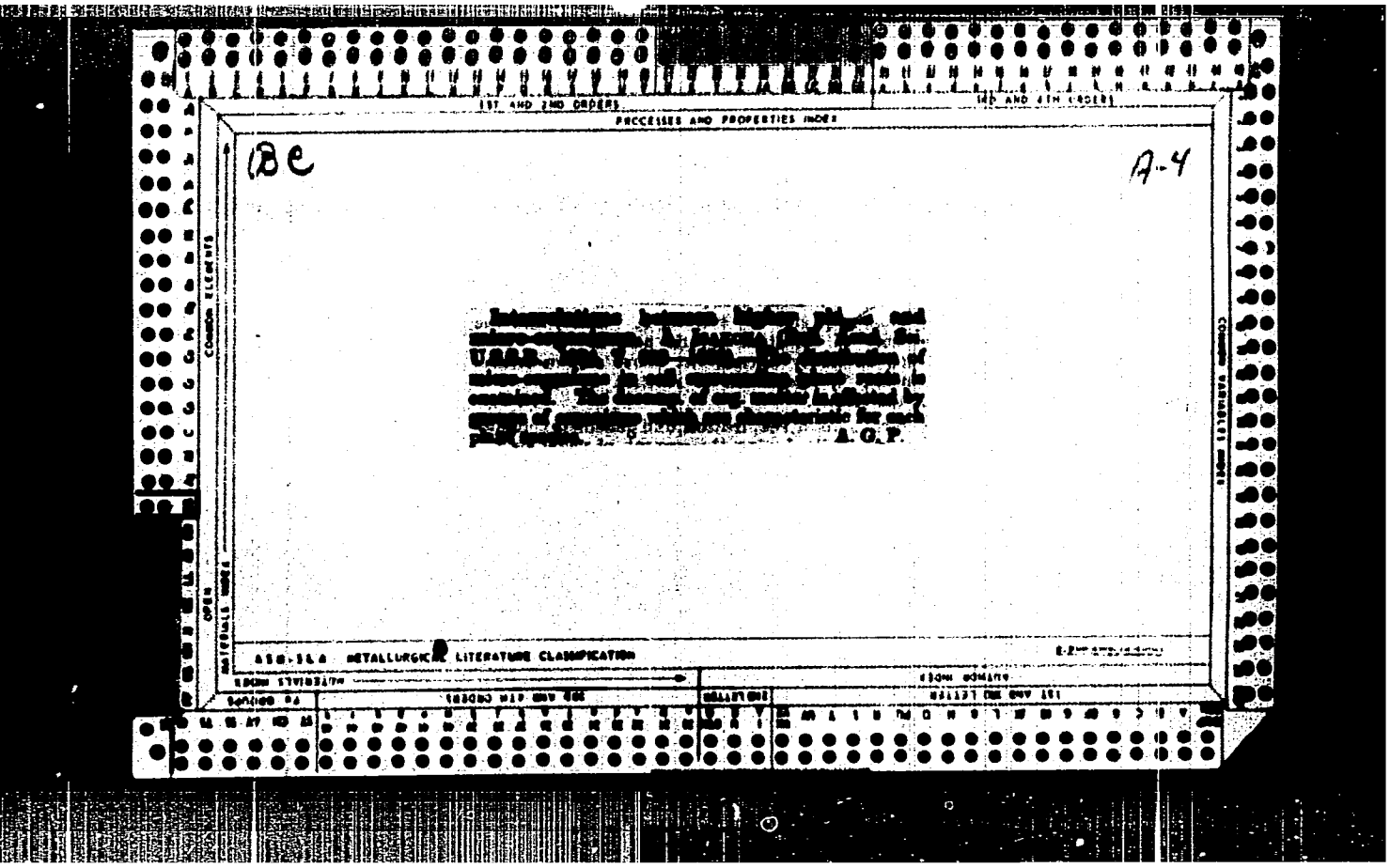
[Bacterial] nitrogen assimilation. A. ISAKOVA (Bull. Acad. Sci. U.R.S.S., 1938, 1493—1504).—Both *Azotobacter Winogradskii* and *A. chroococcum* assimilate NH_3 in presence of glucose, mannitol, NaOAc, or NaOEt, the mechanism of the action being the same in the two cases, although the action is more rapid with the former organism. The bacteria were grown in neutral or faintly alkaline media, which exclude autolysis, and the assimilation of the NH_3 must be regarded as a function of the vital activity of the organisms. The experiments with Na_2CO_3 show that the NH_3 may be assimilated as disordered NH_2 groups and as N_2. Denitrification occurs also with NH_4-salts, but to a smaller extent than was observed by Kostychev and Brilliant (A., 1928, 1 499). Experiment shows that development of NH_3 is possible under approx. natural conditions, the rapidity of the process and the amount of NH_3 formed depending largely on the nature of the substances supplying the energy. This observation has a bearing on the rapid accumulation by higher plants of N_2 assimilated by azotobacteria.

T. H. P.

A59-51A METALLURGICAL LITERATURE CLASSIFICATION

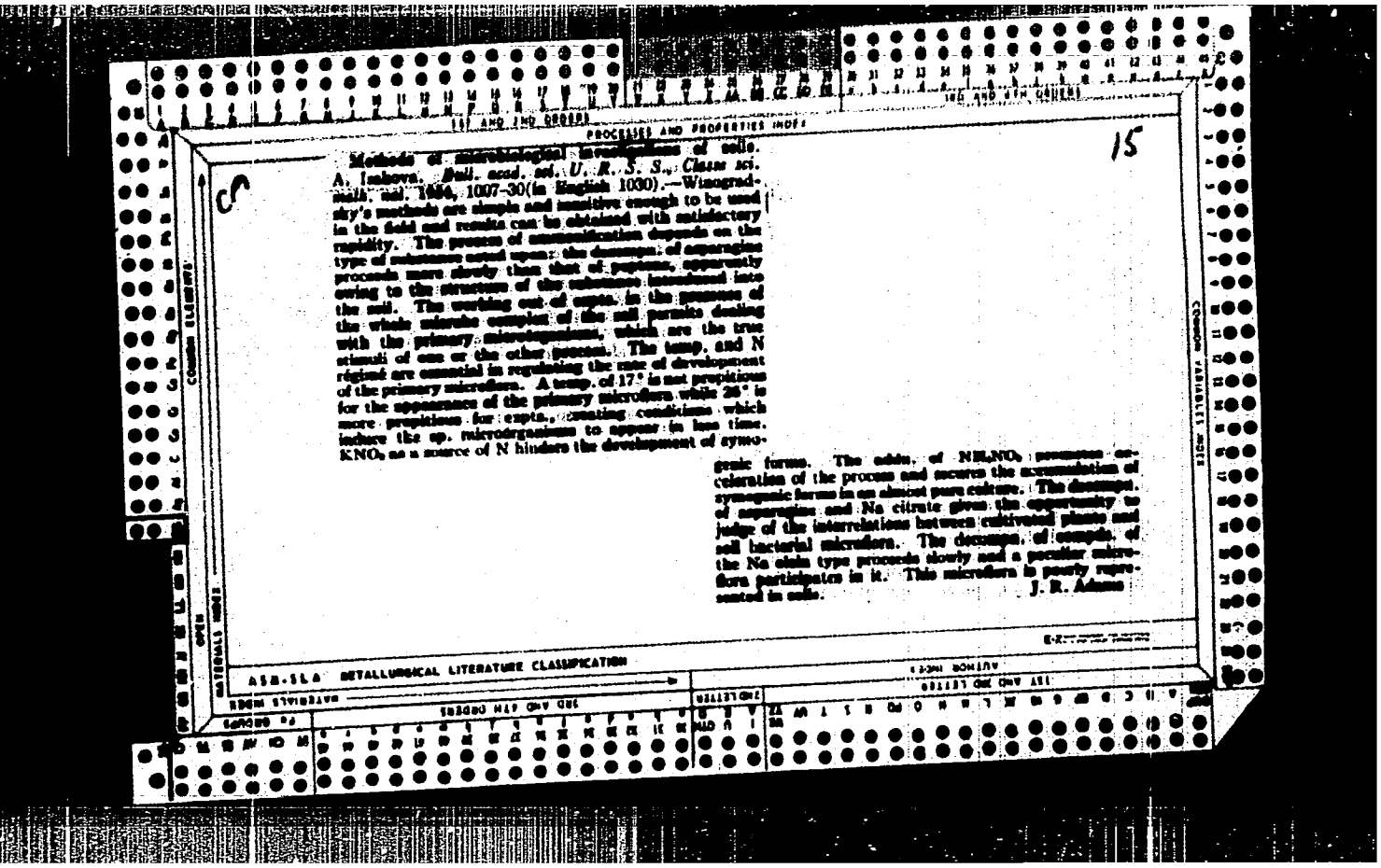
APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1



15

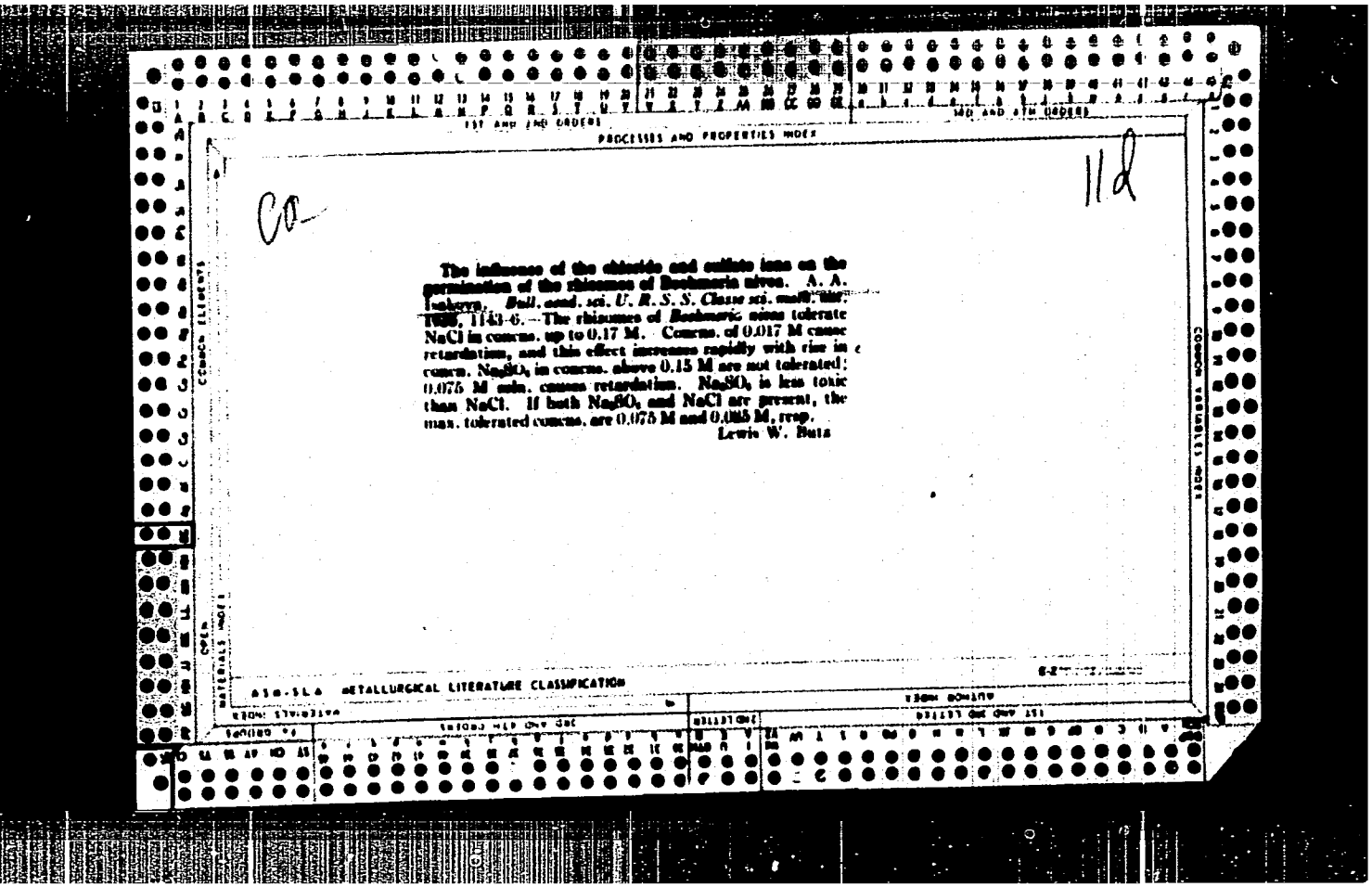
Methods of microbiological investigations of soils. A. Imshenetz. *Bull. acad. sci. U. R. S. S., Classe sci. math. nat.* 1934, 1007-30(in English 1030).—Winogradsky's methods are simple and sensitive enough to be used in the field and results can be obtained with satisfactory rapidity. The process of mineralization depends on the type of substance acted upon; the decompn. of asparagine proceeds more slowly than that of peptone, apparently owing to the structure of the substance introduced into the soil. The working out of appn. in the presence of the whole microbic complex of the soil permits dealing with the primary microorganisms, which are the true stimuli of one or the other process. The temp. and N regime are essential in regulating the rate of development of the primary microfloora. A temp. of 17° is not propitious for the appearance of the primary microflora while 28° is more propitious for expts., creating conditions which induce the sp. microorganisms to appear in less time. KNO_3 as a source of N hinders the development of zymogenic forms. The addn. of NH_4NO_3 promotes acceleration of the process and secures the accumulation of zymogenic forms in an almost pure culture. The decompn. of asparagine and Na citrate gives the opportunity to judge of the interrelations between cultivated plants and soil bacterial microflora. The decompn. of compds. of the Na oleate type proceeds slowly and a peculiar microflora participates in it. This microflora is poorly represented in soils.

J. R. Adams

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1



PROCESSES AND PROPERTIES INDEX

Co-

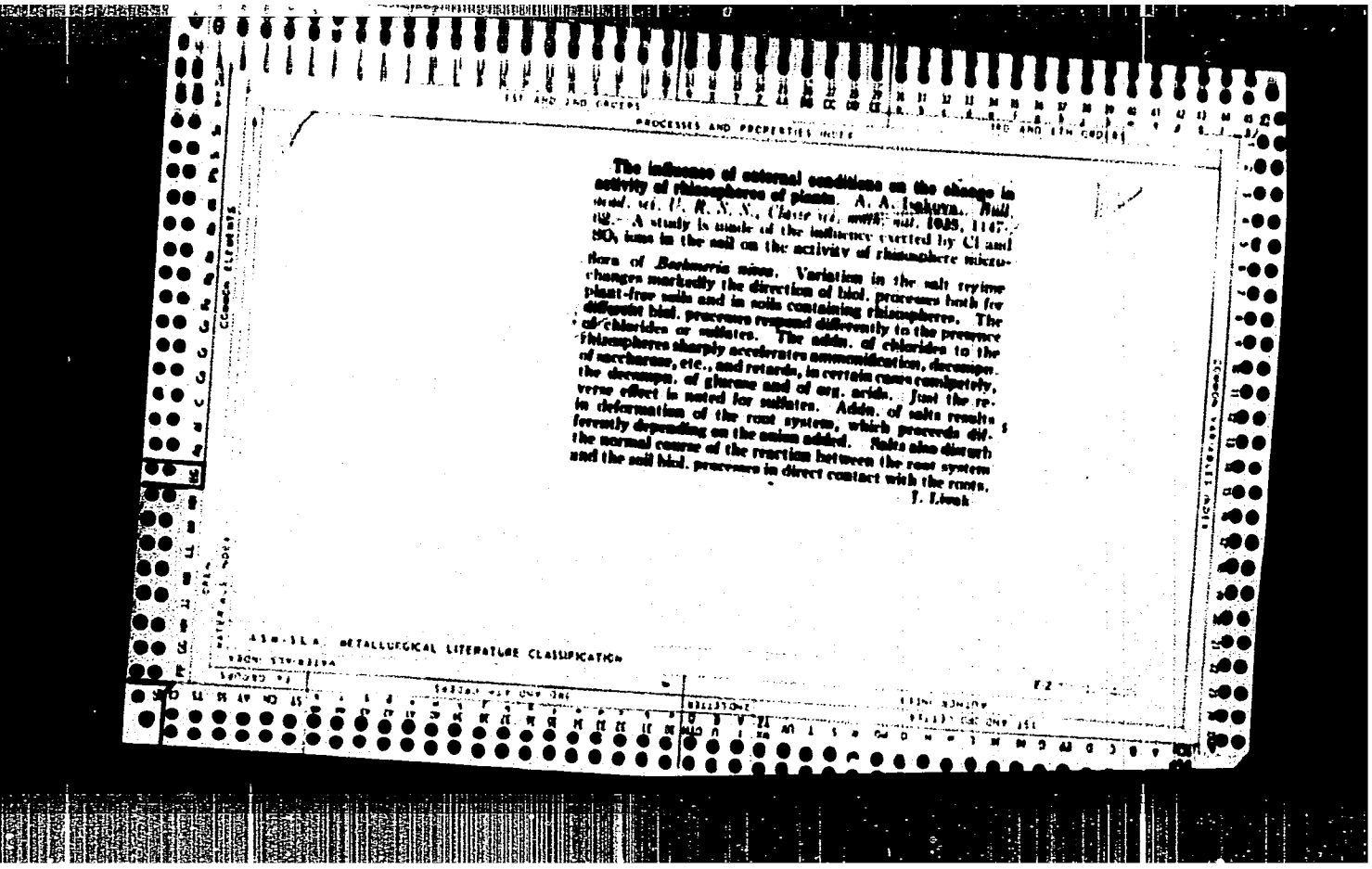
112

The influence of the chloride and sulfate ions on the germination of the rhizomes of Bothriochloa ischaemum. A. A. Isakova. *Bull. acad. sci. U. R. S. S. Classe sci. math. nat.* 1939, 1143-6.—The rhizomes of *Bothriochloa ischaemum* tolerate NaCl in concns. up to 0.17 M. Concns. of 0.017 M cause retardation, and this effect increases rapidly with rise in concn. Na_2SO_4 in concns. above 0.15 M are not tolerated; 0.075 M soln. causes retardation. Na_2SO_4 is less toxic than NaCl. If both Na_2SO_4 and NaCl are present, the max. tolerated concns. are 0.075 M and 0.085 M, resp.
Lewis W. Butz

A58-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

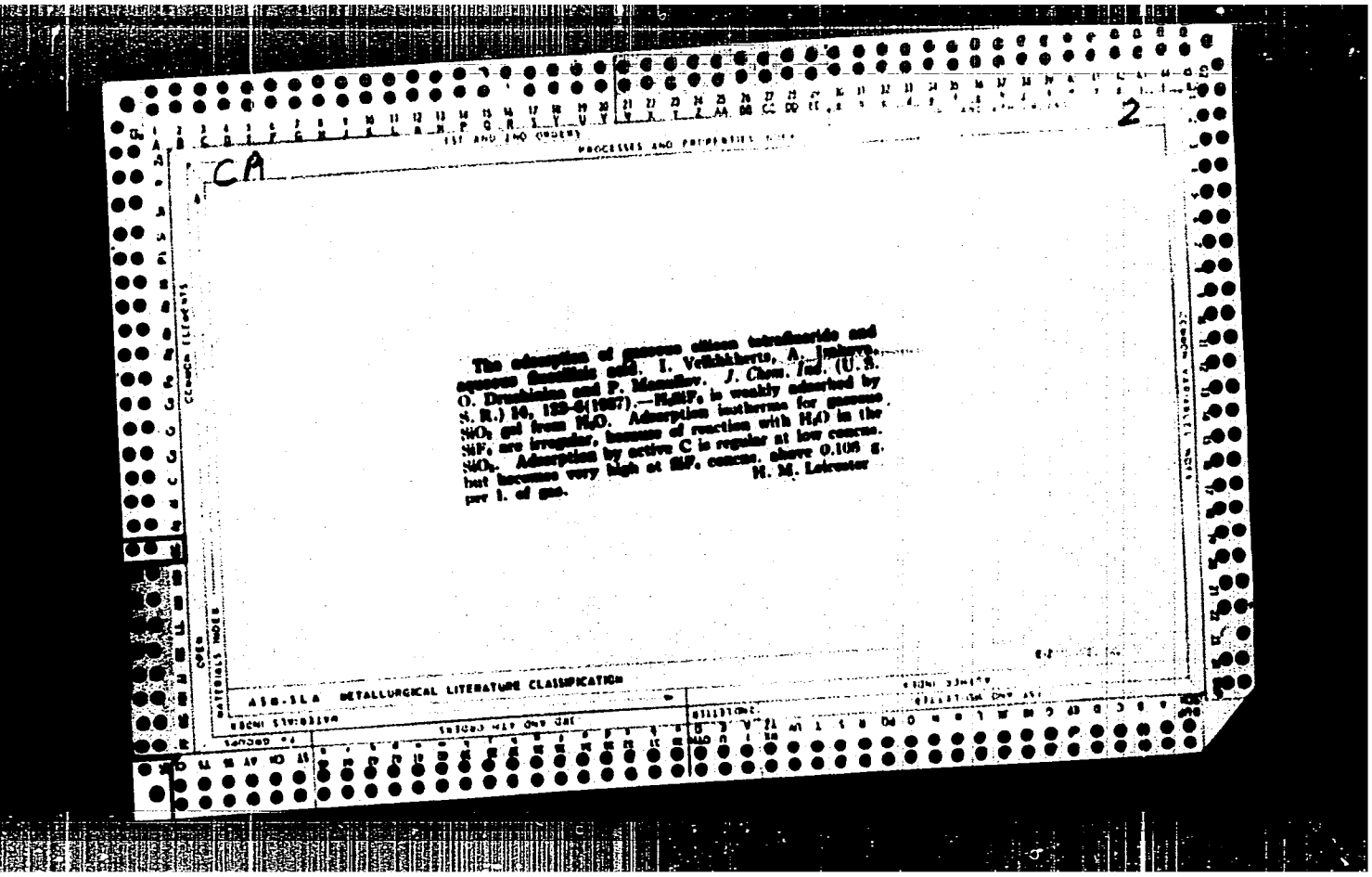


The influence of external conditions on the change in activity of rhizosphere of plants. A. A. Izakura. *Bull. acad. sci. U. R. S. S., Classe sci. math. nat.* 1935, 1147-58. — A study is made of the influence exerted by Cl and SO_4 ions in the soil on the activity of rhizosphere microflora of *Berberis vulgaris*. Variation in the salt regime changes markedly the direction of biol. processes both for plant-free soils and in soils containing rhizospheres. The different biol. processes respond differently to the presence of chlorides or sulfates. The addn. of chlorides to the rhizospheres sharply accelerates ammonification, decompn. of saccharose, etc., and retards, in certain cases completely, the decompn. of glucose and of org. acids. Just the reverse effect is noted for sulfates. Addn. of salts results in deformation of the root system, which proceeds differently depending on the anion added. Salts also disturb the normal course of the reaction between the root system and the soil biol. processes in direct contact with the roots.
J. Lynch

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

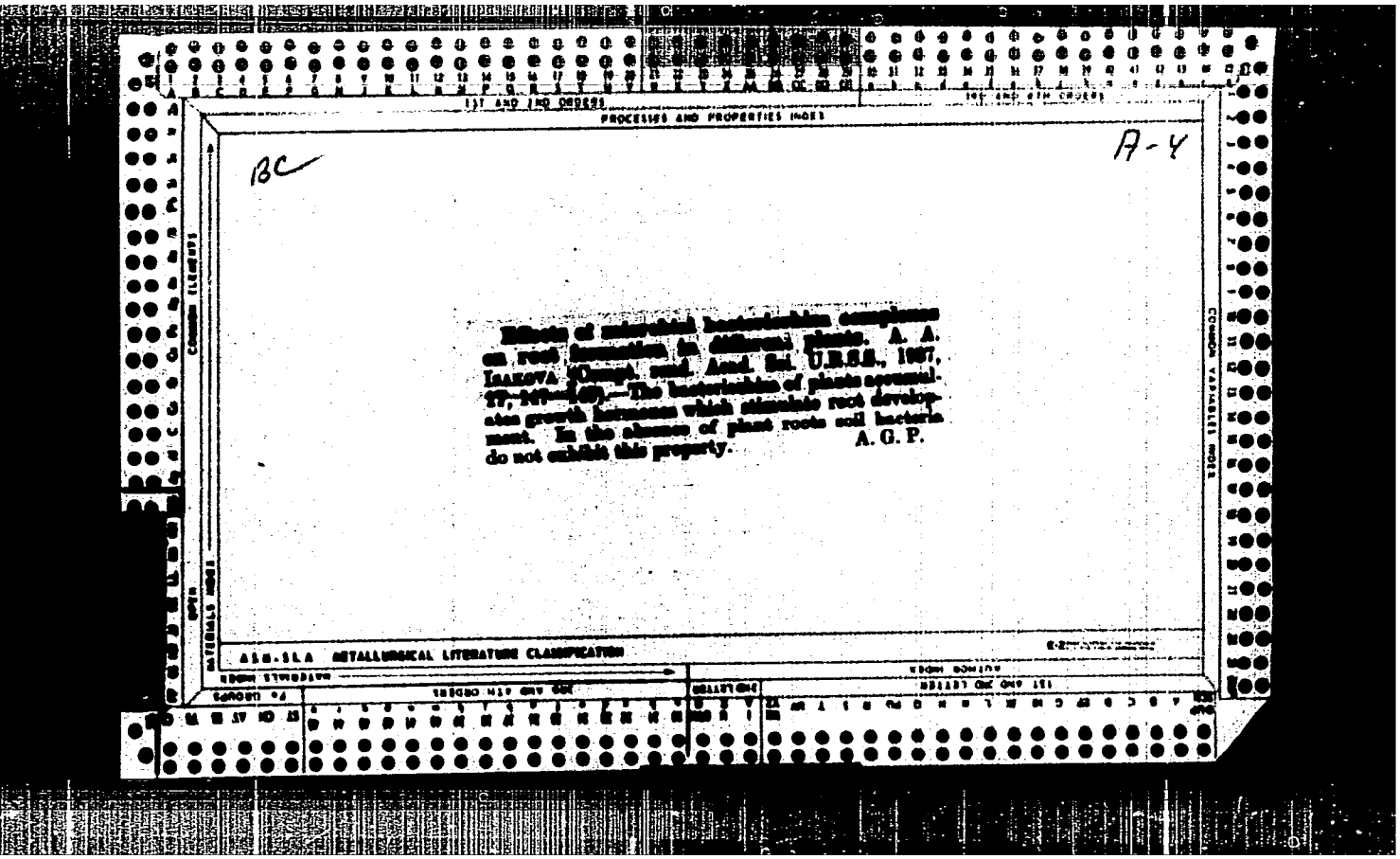
APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1


CA
2
The adsorption of gaseous silicon tetrafluoride and gaseous fluosilicic acid. I. Veldsbierts, A. Jakovs, O. Druskinin and P. Klauzliv. J. Chem. Ind. (U.S.S.R.) 10, 159-64(1937).—H2SiF6 is weakly adsorbed by SiO2 gel from H2O. Adsorption isotherms for gaseous SiF4 are irregular, because of reaction with H2O in the SiO2. Adsorption by active C is regular at low concns. but becomes very high at SiF4 concns. above 0.105 g. per l. of gas.
H. M. Leicester
A10-51A METALLURGICAL LITERATURE CLASSIFICATION

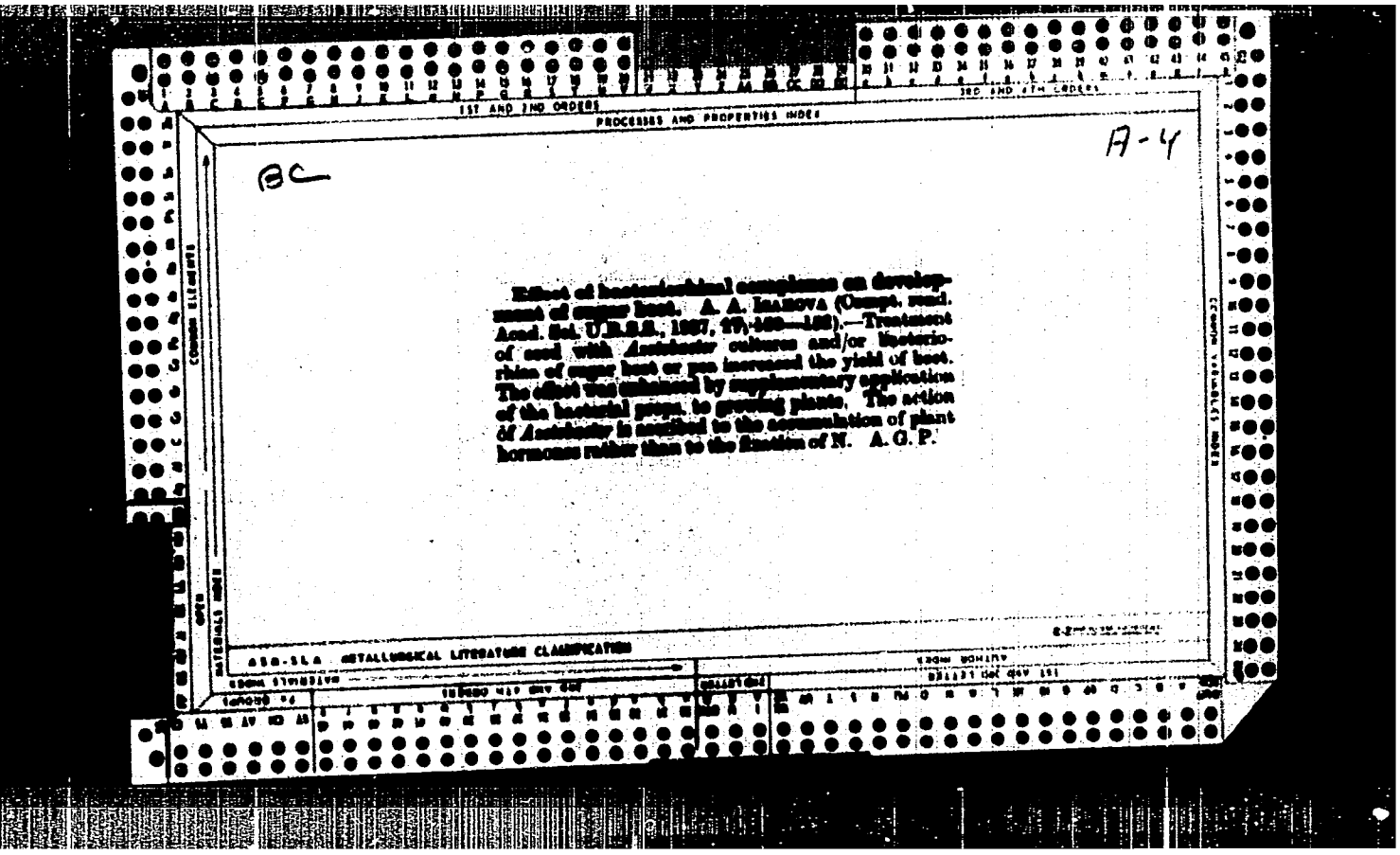
APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1


PROCESSES AND PROPERTIES INDEX
BC
A-4
Effect of microbial bacteriolytic complexes on root formation in different plants. A. A. Imshenetskaya (Compt. rend. Acad. Sci. U.S.S.R., 1957, 57, 349–52).—The bacteriolytic of plants agronomical value growth hormones which stimulate root development. In the absence of plant roots soil bacteria do not exhibit this property.
A. G. P.
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

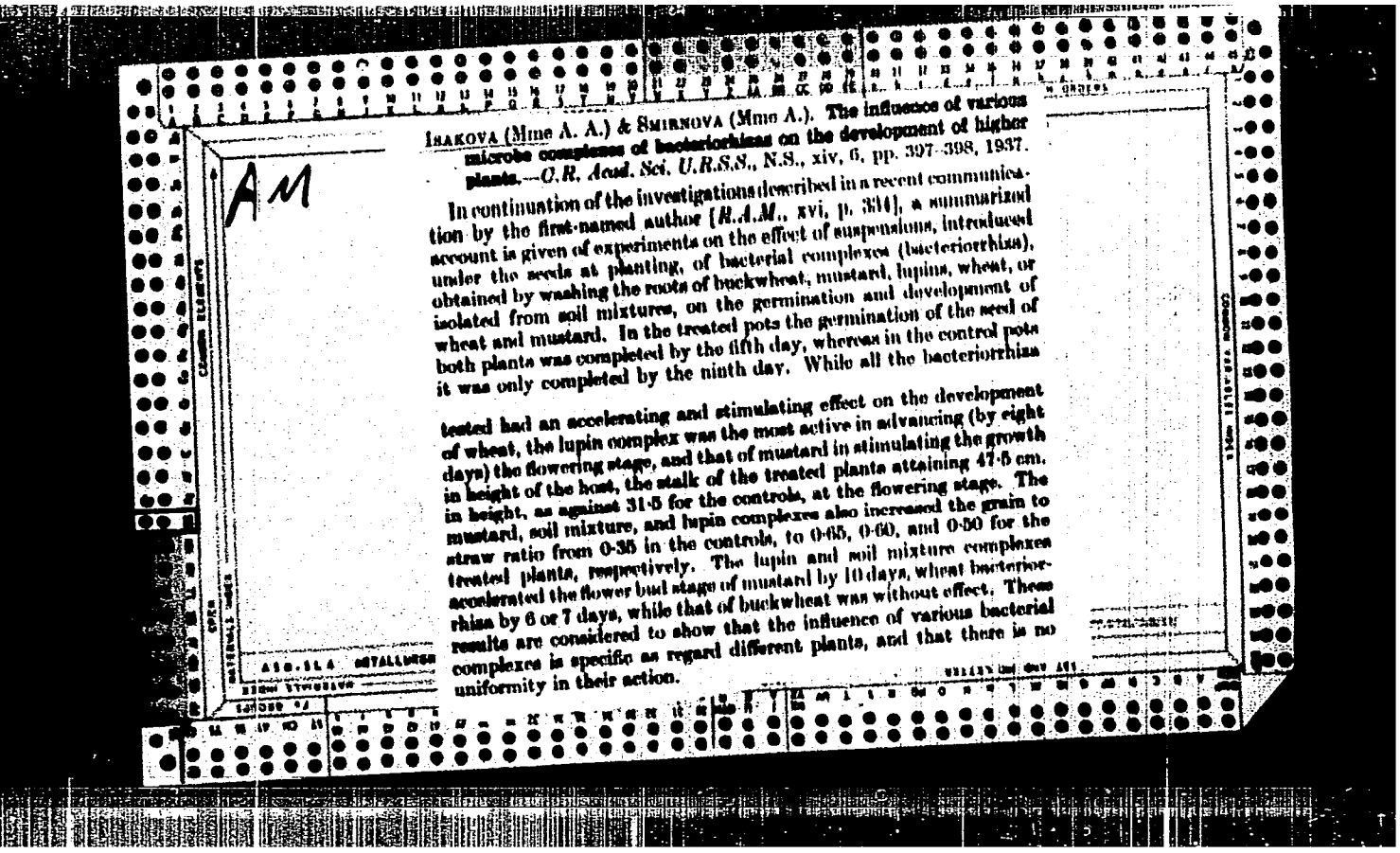
APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1


1ST AND 2ND ORDERS
PROCESSES AND PROPERTIES INDEX
3RD AND 4TH ORDERS
A-4
BC
Effect of bacteriobinal complexes on development of sugar beet. A. A. IVANOVA (Compt. rend. Acad. Sci. U.R.S.S., 1937, 17), 459—462).—Treatment of seed with Azotobacter cultures and/or bacteriophage of sugar beet or pea increased the yield of beet. The effect was obtained by supplementary application of the bacterial preps. to growing plants. The action of Azotobacter is ascribed to the accumulation of plant hormones rather than to the fixation of N. A. G. P.
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

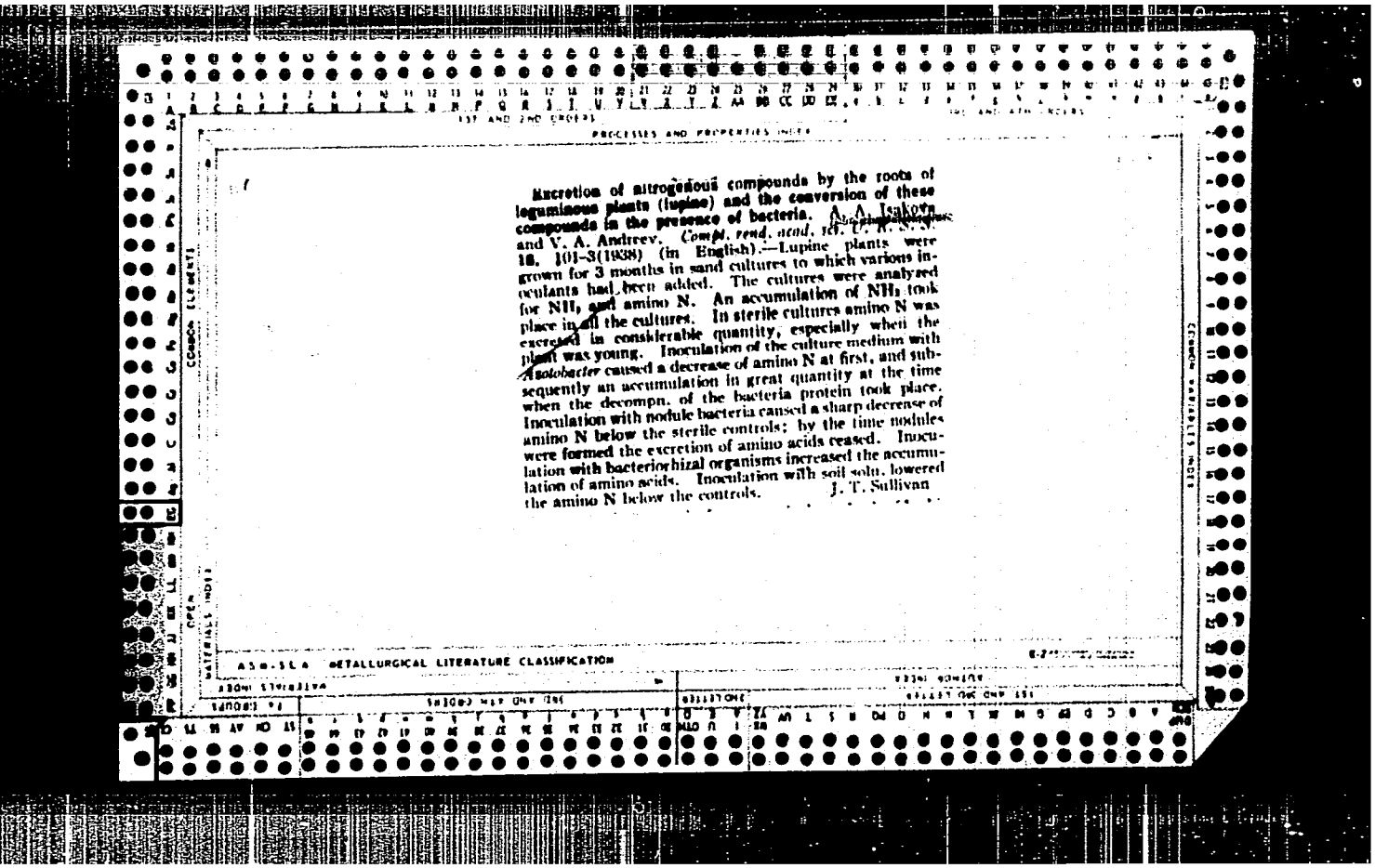


IRAKOVA (Mme A. A.) & SMIRNOVA (Mme A.). **The influence of various microbe complexes of bacteriorhizas on the development of higher plants.**—*C.R. Acad. Sci. U.R.S.S.*, N.S., xiv, 6, pp. 397-398, 1937.

In continuation of the investigations described in a recent communication by the first-named author [*R.A.M.*, xvi, p. 314], a summarized account is given of experiments on the effect of suspensions, introduced under the seeds at planting, of bacterial complexes (bacteriorrhiza), obtained by washing the roots of buckwheat, mustard, lupins, wheat, or isolated from soil mixtures, on the germination and development of wheat and mustard. In the treated pots the germination of the seed of both plants was completed by the fifth day, whereas in the control pots it was only completed by the ninth day. While all the bacteriorrhiza tested had an accelerating and stimulating effect on the development of wheat, the lupin complex was the most active in advancing (by eight days) the flowering stage, and that of mustard in stimulating the growth in height of the host, the stalk of the treated plants attaining 47·5 cm. in height, as against 31·5 for the controls, at the flowering stage. The mustard, soil mixture, and lupin complexes also increased the grain to straw ratio from 0·35 in the controls, to 0·65, 0·60, and 0·50 for the treated plants, respectively. The lupin and soil mixture complexes accelerated the flower bud stage of mustard by 10 days, wheat bacteriorrhiza by 6 or 7 days, while that of buckwheat was without effect. These results are considered to show that the influence of various bacterial complexes is specific as regard different plants, and that there is no uniformity in their action.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

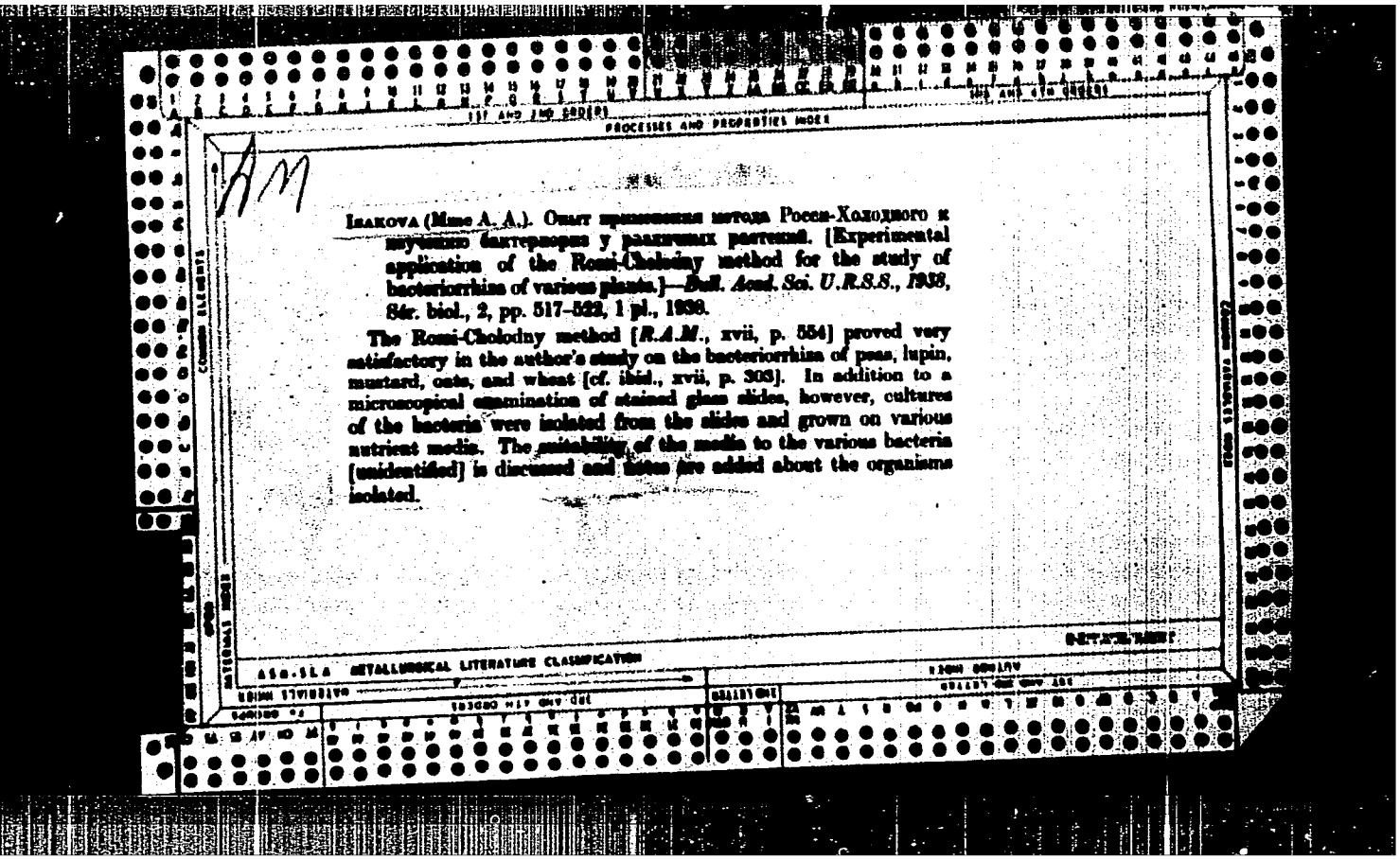
"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1



Excretion of nitrogenous compounds by the roots of leguminous plants (lupine) and the conversion of these compounds in the presence of bacteria. A. A. Isakova and V. A. Andreev. *Compt. rend. acad. sci. U. R. S. S.* 18, 101-3(1938) (in English).—Lupine plants were grown for 3 months in sand cultures to which various inoculants had been added. The cultures were analyzed for NH_3 and amino N. An accumulation of NH_3 took place in all the cultures. In sterile cultures amino N was excreted in considerable quantity, especially when the plant was young. Inoculation of the culture medium with *Azotobacter* caused a decrease of amino N at first, and subsequently an accumulation in great quantity at the time when the decompn. of the bacteria protein took place. Inoculation with nodule bacteria caused a sharp decrease of amino N below the sterile controls; by the time nodules were formed the excretion of amino acids ceased. Inoculation with bacteriorhizal organisms increased the accumulation of amino acids. Inoculation with soil solu. lowered the amino N below the controls. J. T. Sullivan

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

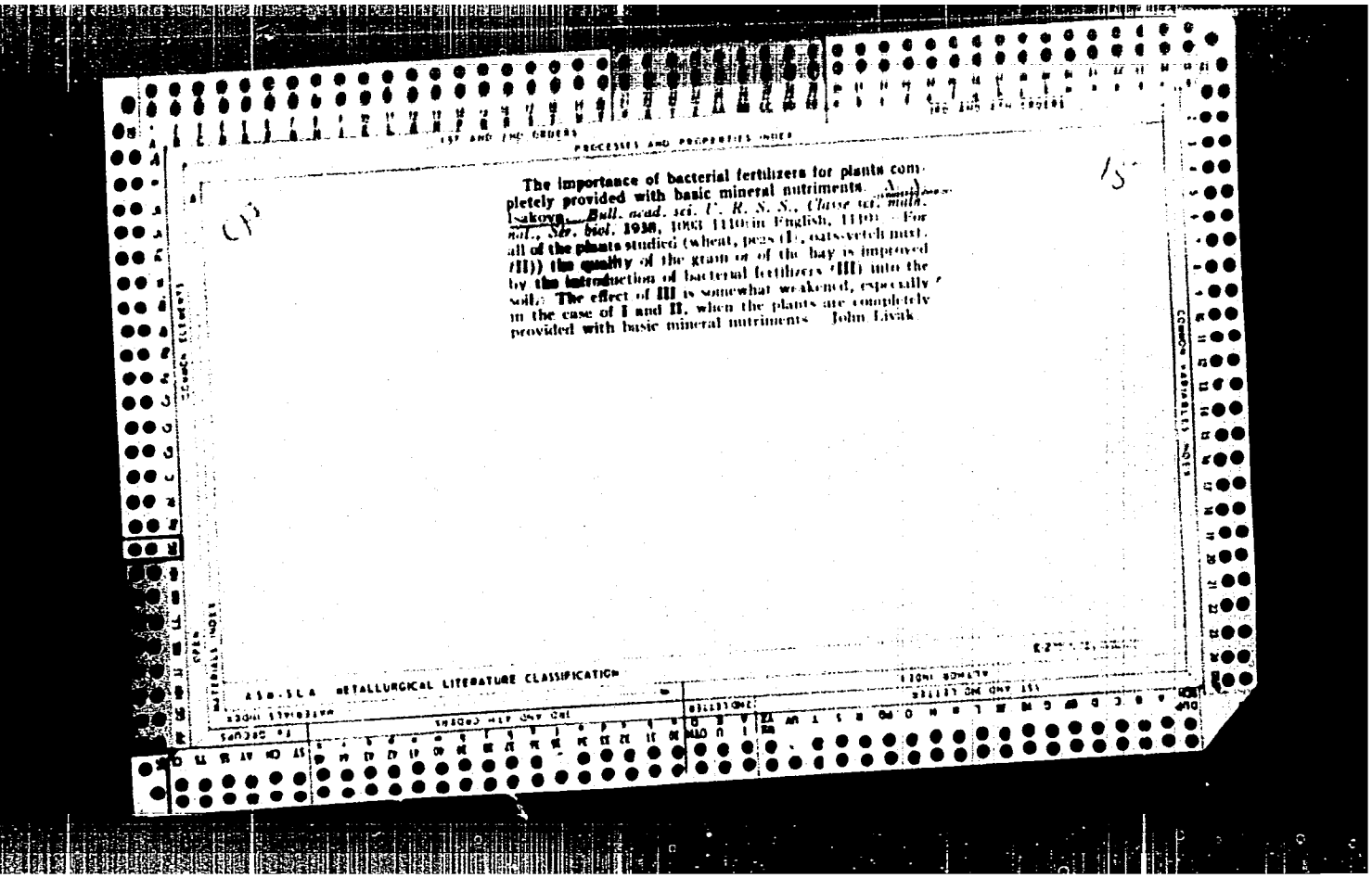


Isakova (Mme A. A.). Опыт применения метода Росси-Холодного к изучению бактериоризы у различных растений. [Experimental application of the Rossi-Cholodny method for the study of bacteriorrhiza of various plants.]—*Bull. Acad. Sci. U.R.S.S.*, *1938*, Sér. biol., 2, pp. 517–522, 1 pl., 1938.

The Rossi-Cholodny method [*R.A.M.*, xvii, p. 554] proved very satisfactory in the author's study on the bacteriorrhiza of peas, lupin, mustard, oats, and wheat [*cf. ibid.*, xvii, p. 303]. In addition to a microscopical examination of stained glass slides, however, cultures of the bacteria were isolated from the slides and grown on various nutrient media. The suitability of the media to the various bacteria [unidentified] is discussed and notes are added about the organisms isolated.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

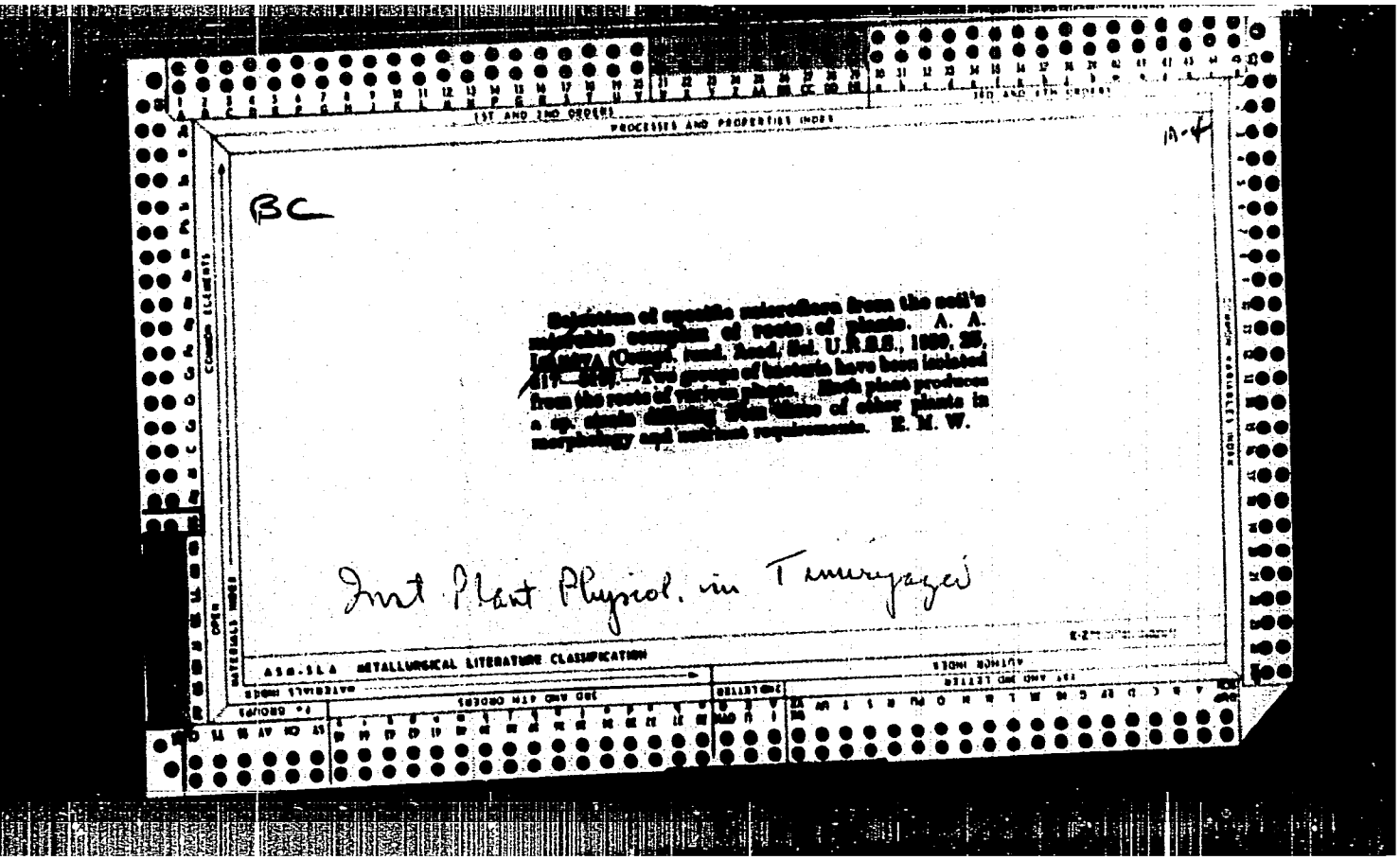
"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1



The importance of bacterial fertilizers for plants completely provided with basic mineral nutriments. A. I. Iakovlev. *Bull. acad. sci. U. R. S. S., Classe sci. math.-nat., Sér. biol.* 1938, 1061-1110 (in English, 1109-10). For all of the plants studied (wheat, peas (I), oats-vetch mixt. (II)) the quality of the grain or of the hay is improved by the introduction of bacterial fertilizers (III) into the soil. The effect of III is somewhat weakened, especially in the case of I and II, when the plants are completely provided with basic mineral nutriments. John Livak

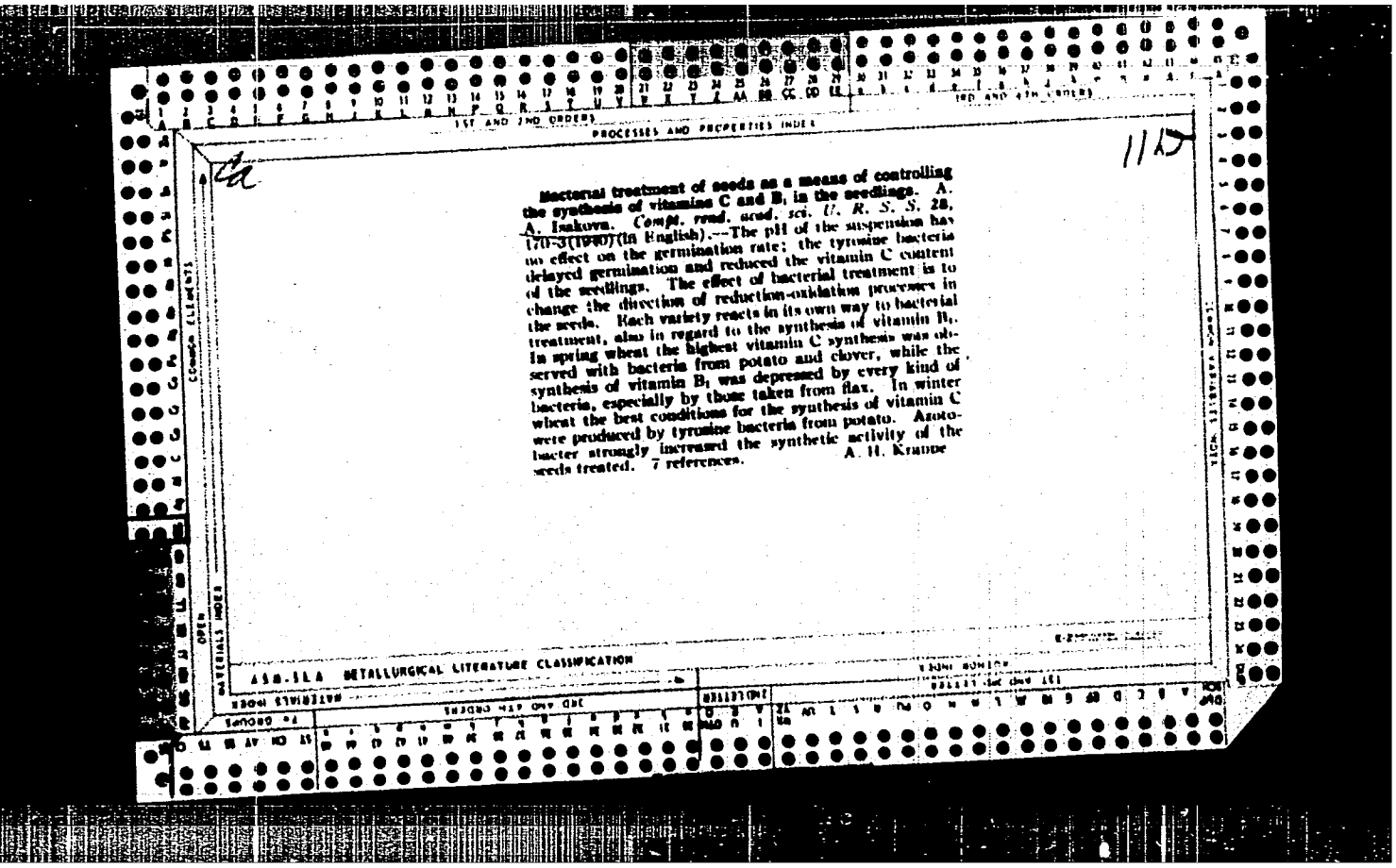
APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1



PROCESSES AND PROPERTIES INDEX

1st AND 2nd ORDERS

1127

Bacterial treatment of seeds as a means of controlling the synthesis of vitamins C and B$_1$ in the seedlings. A. A. Isakova. *Compt. rend. acad. sci. U. R. S. S.* 28, 170-3 (1940) (In English).—The pH of the suspension has no effect on the germination rate; the tyrosine bacteria delayed germination and reduced the vitamin C content of the seedlings. The effect of bacterial treatment is to change the direction of reduction-oxidation processes in the seeds. Each variety reacts in its own way to bacterial treatment, also in regard to the synthesis of vitamin B$_1$. In spring wheat the highest vitamin C synthesis was observed with bacteria from potato and clover, while the synthesis of vitamin B$_1$ was depressed by every kind of bacteria, especially by those taken from flax. In winter wheat the best conditions for the synthesis of vitamin C were produced by tyrosine bacteria from potato. Azotobacter strongly increased the synthetic activity of the seeds treated. 7 references.

A. H. Krause

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, A. A.

Microbiological processes in the rhizosphere and bacterio-rhiza of several-year-old grasses and methods of utilizing these processes. A. A. Isakova and S. N. Aniskina. *Soviet Agron.* 8, No. 12, 39-41 (1950); *Chem. Zentr.* 1951, II, 1500.—The intensity of the microbiol. activity in the root zone of various grasses decreases when the plant becomes 3–5 years old. Microorganisms of the N-mobilizing group predominate at the time of blooming. This is related to the fact that the plant secretes amino acids at this period. The planting of legumes in mixts. with grasses activates the microbiol. activity in the root systems of both components. Increasing the ammonification with Nitragin has a beneficial effect on both the growth of the grass and the decompn. of root residues, since N is necessary for the latter process. The idea that the N accumulated in the rhizosphere by ammonification can be washed out is unfounded.

M. G. Moore

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, A.A.

USSR/Cultivated Plants - Grains. M-2

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91654

Author : Isakova, A.A., Aniskina, Z.N., Makulova, Ye.V.

Inst : Koztromskiy Agricultural Institute

Title : Some Biological Characteristics of Wild Rice Species Cultivated in Komstromkaya Oblast.

Orig Pub : Tr. Kostromsk. s.-kh. in-ta, 1957, vyp. 1, 71-88

Abstract : Some arguments are presented in favor of the fastest possible introduction into cultivation of wild rice (Zizania aquatica and Z. latifolia). Some biological characteristics of this crop in regard to metabolism were studied. A critical period appeared in the development of the rice (from seeds germination to the transition to normal air and root nourishment) which is characterized by retarded growth and the intensified rejection of organic

Card 1/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91654

substances through the roots, i.e., amino acids, organic acids, organic phosphates and sugars. The critical period of this wild lake rice is selected to the predominance of regenerative processes, while in the broad-leaved rice it is related to the low spring temperature. Consideration is given to the problem of root microflora of rice and the change in surrounding microflora as a result of the secretion of volatile substances by the plants (the soil microflora was reduced by from 40 - 60 to 90%). -- Yu.L. Guzhev.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

I.

USSR/Plant Physiology - Mineral Nutrition.

Abs Jour : Ref Zhur - Biol., No 23, 1958, 104356

Author : Isakova, A.A., Krasnova, Ye.N.

Inst : Kostromsk Agricultural Institute.

Title : On the Problem of the Nitrogen Nutrition of Thermophylic Crops in Relation to Temperature.

Orig Pub : Tr. Kostromsk. S.-Kh. In-ta, 1, 89-94, 1957,

Abstract : Studies of the effect of lowered temperatures on the intensity of the excretion of amino acids by the roots of thermophylic plants: maize (of the Khar'kov, Partizanka and Sterling varieties) and Zinnia latifolia. The root excretions were determined microbiologically by the elective culture method; excretions of amino acids by roots were expressed in mm of the coating of roots by microorganisms in amino acid media. The closer the temperature to

Card 1/2

- 7 -

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

KONDRAT'YEV, I.M.; ISAKOVA, A.G. (Sevastopol')

Elements of external respiration in some variants of exercise therapy following appendectomy. Vop. kur., fizioter. i lech. fiz. kul't. 30 no.4:367-368 Jl-Ag '65. (MIRA 18:9)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

BEL'TENEV, Ye.B.; ISAKOVA, A.I.; SAVCHENKO, A.I.; SHALIMOV, A.I.

New data on the stratigraphy of the central northern regions of the Sikhote-Alin Range. Dokl.AN SSSR. 110 no.5:820-824 O '56. (MLRA 10:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut. Predstavleno akademikom D.V. Nalivkinym.

(Sikhote-Alin Range--Geology, Stratigraphic)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

SKOFENKO, A.O. [Skofenko, A.O.]; ISAKOVA, D.M.

Effect of X virus on the nitrogen metabolism in potatoes. Mikrobiol. zhur. 26 no.6:48-54 '64. (MIRA 18:8)

1. Institut mikrobiologii i virusologii AN UkrSSR.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

KVASNIKOV, Ye.I. [Kvasnykov, IE.I.]; ISAKOVA, D.M.; [illegible], O.O.

All-Union Conference on the Biosynthesis of Amino Acids, Vitamins and Bacterial Biomass. Mikrobiol.zhur. 26 no.6:71-74 '64.
(MIRA 18:8)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

SKOFENKO, A.A. [Skofenko, A.O.]; ISAKOVA, D.M.

Some characteristics of carbohydrate and nitrogen metabolism in sugar beets affected with yellows virus. Mikrobiol. zhur. 27 no.3:44-49 '65. (MIRA 18:6)

1. Institut mikrobiologii i virusologii AN UkrSSR.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

KRASNIKOV, Ye.I. [Krasnykov, IE.I.]; ISAKOVA, D.M.; NESTERENKO, O.A. [Nesterenko, O.O.]

Use of some wastes of the antibiotics industry for growing fodder yeast. Mikrobiol. zhur. 27 no.5:80-84 '65.
(MIRA 18:10)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, E.A.; FEDISOVA, T.I.

Improvement of the baking properties of flour by infrared heating.
Izv.vys.ucheb.zav.;pishch.tekh.no.5:49-52 '60. (MIRA 13:12)

1. Vsesoyuznyy zaochnyy institut pishchevoy promyshlennosti. Kafedra spetstekhnologii.
(Flour) (Infrared rays)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, E.A.

Determination of moisture by means of an infrared hygrometer. Spirt. prom. 26 no.8:38-39 '60. (MIRA 13:11)
(Evaporation) (Infrared rays)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, E. A.

Cand Tech Sci - (diss) "Use of infra-red radiation for improvement of bread-baking properties of grain and flour." Kiev, 1961. 23 pp; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Kiev Technological Inst of the Food Industry); 200 copies; price not given; (KL, 7-61 sup, 237)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, E.A.

"Practical application of infrared rays" by M. Deriber [translated from the French]. Reviewed by E.A. Isakova. Prom. energ. 16 no.8:54 Ag '61. (MIRA 14:9)
(Infrared rays) (Deriber, M.)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, E.A.

Studying the process of rye malt drying by means of infrared rays. Izv.vys.ucheb.zav.; pishch.tekh. no.1:42-44 '63. (MIRA 16:3)

1. Vsesoyuznyy zaochnyy institut pishchevoy promyshlennosti, kafedra spetstekhnologii.
(Infrared drying apparatus) (Malt--Drying)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, E.A.; FERTMAN, G.I.

Effect of rye composition on the quality of the obtained malt. Spirt.prom. 29 no.4:14-19 '63. (MIRA 16:5)

1. Vsesoyuznyy zaochnyy tekhnologicheskiy institut pishchevoy promyshlennosti.

(Malt)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, E.A.; FERTMAN, G.I.

Indices of the production of dry rye malt obtained by various malting methods. Spirt. prom. 29 no.6:8-11 '63. (MIRA 16:10)

1. Vsesoyuznyy zaochnyy tekhnologicheskiy institut pishchevoy promyshlennosti.
(Malt)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

FERTMAN, G.I.; ISAKOVA, E.A.

Shoots of dry malted barley as a source of nitrogenous food for yeast. Spirt. prom. 28 no.7:26-28 '62. (MIRA 17:2)

1. Vsesoyuznyy zaochnyy institut pishchevoy promyshlennosti.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

FERTMAN, G.I.; ISAKOVA, E.A.

Methods for the evaluation of the quality of dry rye malt.
Ferm. i spirt.prom. 30 no.4:14-18 '64. (MIRA 18:12)

1. Vsesoyuznyy zaochnyy institut pishchevoy promyshlennosti.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ASTVATSATUROV, Gayk Gareginovich; ISAKOVA, G.M., red.

[Unit for washing cylinder blocks, crankshafts, connecting rods and their oil channels before assembling engines] Ustanovka dlia promyvki blokov, kolenchatykh valov, shatunov i ikh maslianykh kanalov pered sborkoi dvigatelei. Moskva, Biuro tekhn. informatsii, 1964. 19 p. (MIRA 18:8)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, G.V.; LUKASHEVICH, L.P.

Characteristics of the "weather complex" in the biotron. Vrach. delo no.9:114-118 S '62. (MIRA 15:8)

1. Kiyevskaya oblastnaya klinicheskaya bol'nitsa.
(CLIMATOLOGY, MEDICAL) (HYPERTENSION)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, L. I.

USSR/Physics of the Earth - Electric and Magnetic Field of the Earth, O-4

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36398

Author: Grabovskiy, M. A., Petrova, G. N., Isakova, L. I.

Institution: None

Title: On the Occurrence of Thermal Residual Magnetization of Mountain Rocks

Original Periodical: Izv. AN SSSR, ser. geofiz., 1956, No 1, 56-60

Abstract: A description of an experimental investigation of thermal magnetization of ferromagnetic mountain rocks and the conditions for the occurrence of residual magnetization I_r at all the stages of the cooling of the rock. Magnetometric methods are used to measure the magnetic properties of specimens of magnetite in the Ural, Kursk, and Angaro-Ilimsk deposits, and of pyrrotine and nickel. For all the specimens, curves of the thermal magnetization I_{1t} are given, which show how the magnetization I_{1t} increases in a definite orienting field (on the order of the magnitude of the

Card 1/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, L.N.; PAVLOV, A.A.

Measuring areas on maps in Mercator's projection. Uch. zap. LGU no.226:201-211 '58. (MIRA 11:11)
(Cartometry)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, L.P., aspirant

Fertilizers for forage beans in turf-Podzolic soils of Ivanovo Province. Sbor. nauch. trud. Ivan. sel'khoz. inst. no.21:117-124 '63. (MIRA 18:5)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

L 22416-66 EWT(m)/EPF(n)-2/EWG(m) WW

ACC NR: AP6007949 SOURCE CODE: UR/0089/66/020/002/0142/0142

AUTHORS: Isakova, L. Ya.; Orlov, V. V.

ORG: none

TITLE: Method of calculating neutron distribution and the efficiency of a system of absorbing rod in a three dimensional reactor

SOURCE: Atomnaya energiya, v. 20, no. 2, 1966, 142

TOPIC TAGS: neutron flux, neutron distribution, neutron absorption, nuclear reactor control equipment, Green function, neutron spectrum

ABSTRACT: This is an abstract of Article No. 59/3395 submitted to the source editor but not published in full. The authors solve the problem of the effective multiplication factor and of the distribution of the neutron flux in a cylindrical reactor with a system of partially inserted control rods arbitrarily disposed through the cross section of the reactor in the one-group approximation with the aid of the Green's function. The Green's function is defined in the form of an expansion in the eigenfunctions of the reactor equations without

Card 1/2 UDC: 621.039.51

Card 2/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, M.

Useful suggestion. Mias. ind. SSSR 29 no.5:48 '58.
(MIRA 11:10)

1. Petropavlovskiy myasokombinat.
(Food, Canned--Sterilization)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

Regeneration of free quaternary bases from their chlorides. P. A. Adzhemyan, M. A. Zhamagortsyan, M. A. Iselova, B. K. Krichevtsev, and G. A. Seryshev. U.S.S.R. 107,726, Sept. 25, 1957. The free bases are regenerated by subjecting their chlorides to electrolysis. The process is carried out in several consecutive stages, the catholyte and anolyte being fed separately. M. Hosek

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, M. V.

"Problem of an Extra-Articular Ilioabdominal Operation," Vest. Khir., 68, No.3, 1948.

Surgical Propaedeutics Clinic, 2nd Moscow Med. Inst. im. Stalin

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

RAKOV, A.I., professor; ISAKOVA, M.V.

Sixth plenum of the administration of the All-Union Society of Surgeons; oncological problems. Vop.onk. 3 no.3:371-373 '57.
(ONCOLOGY) (MLRA 10:8)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, N., d-r; CHOLAKOV, Ior., inzh.

The Karl Marks State Soda Plant. Tekhnika Bulg 3 no.4:32-3 of cover Ap '54.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, N.; VIDENOV, N.; DIMITROVA, L.

Utilizing the calcium carbonate refuse from the production of caustic soda in the Karl Marx State Soda Plant. p. 27.

TEZHKA PROMISHLENOST. Vol. 5, no. 5, 1956

Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

BULGARIA/Chemical Technology. Chemical Products and Their Application. Elements. Oxides, Mineral Acids. Bases. Salts H-8

Abs Jour : Ref Zhur - Khim., No 24, 1958, No 82244

Author : Isakova N., Videnov N., Dimitrova L.

Inst :

Title : Utilization of Calcium Carbonate Bi-product Obtained in the Manufacture of Caustic Soda at the "Karl Marx" Plant

Orig Pub : Tezhka promishlenost, 1956, 5, No 7, 27-36

Abstract : No abstract

Card : 1/1

24

mixt of 2 n. CH_3COONH_4 more. The precipitate is filtered

Card : 1/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

GOYKO, V., kand. sel'skokhoz. nauk; CHAKINA, Z., nauchnyy sotrudnik;
ISAKOVA, N., kand. biolog. nauk; MAMEDOVA, S., dotsent;
MITROFANOVA, I., nauchnyy sotrudnik; LISYUTINA, N., dotsent

Brief reports. Zashch. rast. ot vred. i bol. 10 no.3:51-52 '65.
(MIRA 19:1)

1. Odesskaya gosudarstvennaya sel'skokhozyaystvennaya opytnaya stantsiya (for Goyko, Chakina). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut zashchity rasteniy (for Isakova). 3. Direktor Azerbaydzhanskogo instituta zashchity rasteniy, Kirovabad (for Mamedova). 4. Vsesoyuznyy institut tabaka i makhorki, Krasnodar (for Mitrofanova). 5. Kurskiy sel'skokhozyaystvennyy institut (for Lisyutina).

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, N.A.

Distr: 4E2c(j)

Analytical methods in the control of synthetic rubber production/ N. A. Isakova/ Zavodskaya Lab. 20, No. 7, 798-803(1954): Referat. Zhur., Khim. 1956, Abstr. No. 37514.—A short description of analytical methods, most widely used in the control of synthetic rubber (SK) manufg. including detn. of isobutylene, butadiene/~~Bs~~-cis- and trans-piperylene, C_5H_8, H_2O, alc., and ethers in various mixts. The analytical methods for detn. of various ingredients of SK and some automatic control methods are described.

V. S. Mihajlov

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, [illegible], kandidat khimicheskikh nauk.

Analytical inspection in the manufacture of synthetic rubber. Khim. nauka i prom. 2 no.3:365-368 '57. (MLRA 10:8)
(Rubber, Synthetic)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

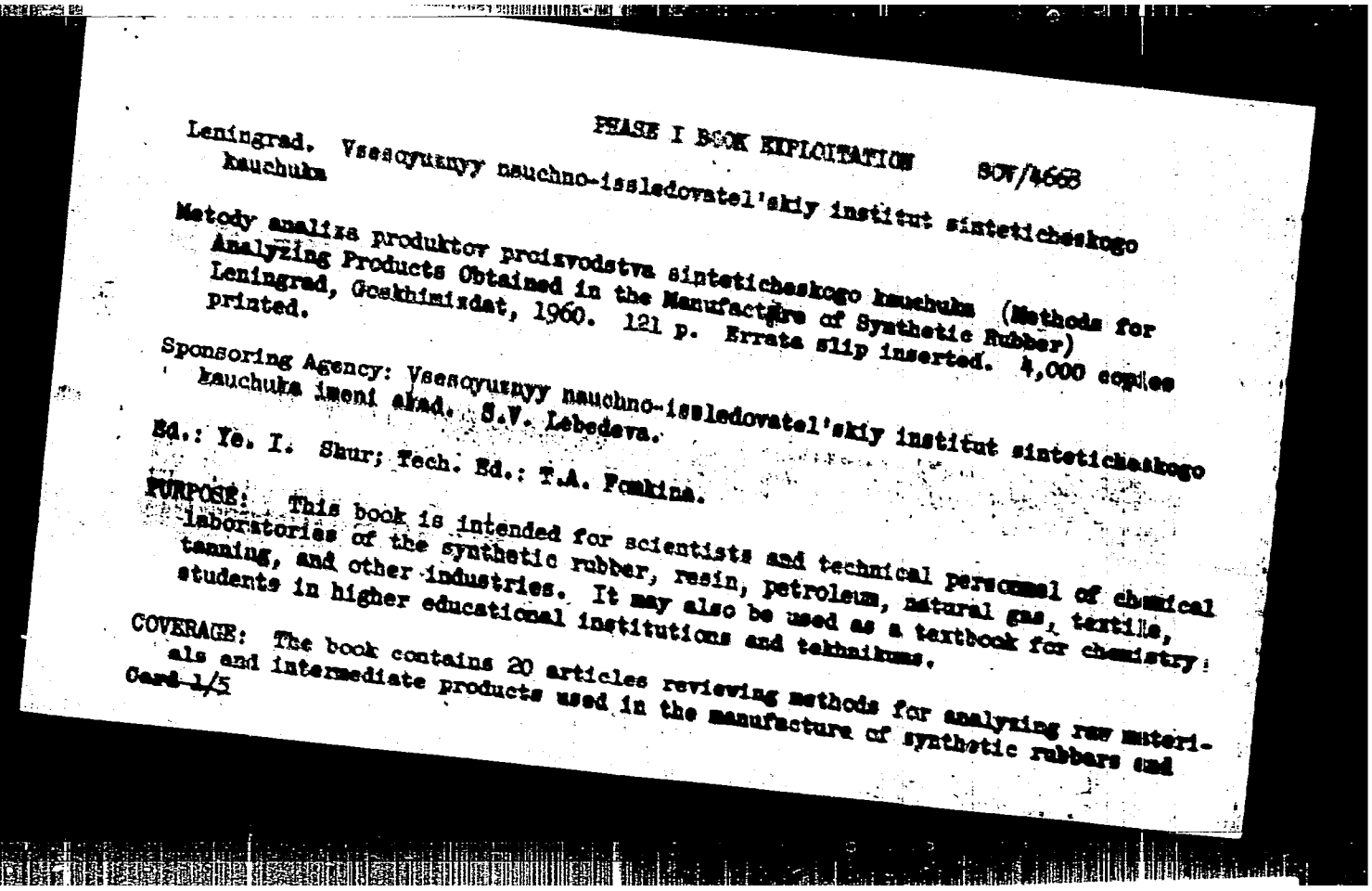
"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

BOGDANOV, M.I.; KOLOBIKHIN, V.A.; ISAKOVA, N.A.; GARMONOV, I.V., red.; ZONIS, S.A., red.; KLIMINA, Ye.V., red.; ERLIKH, Ye.Ya., tekhn.red.

[Analysis of the products obtained in the industrial preparation of bivinyl from butane] Analiz produktov proizvodstva divinila iz butana. Pod red. I.V.Garmonova. Leningrad, Gos.nauchno-tekhn.izd-vo khim.lit-ry, 1959. 115 p. (MIRA 13:2)
(Butadiene) (Butane)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1



PHASE I BOOK EXPLOITATION SOV/4668

Leningrad. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka

Metody analiza produktov proizvodstva sinteticheskogo kauchuka (Methods for Analyzing Products Obtained in the Manufacture of Synthetic Rubber) Leningrad, Goskhimizdat, 1960. 121 p. Errata slip inserted. 4,000 copies printed.

Sponsoring Agency: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka imeni akad. S.V. Lebedeva.

Ed.: Ye. I. Skur; Tech. Ed.: T.A. Fomkina.

PURPOSE: This book is intended for scientists and technical personnel of chemical laboratories of the synthetic rubber, resin, petroleum, natural gas, textile, tanning, and other industries. It may also be used as a textbook for chemistry students in higher educational institutions and tekhnikums.

COVERAGE: The book contains 20 articles reviewing methods for analyzing raw materials and intermediate products used in the manufacture of synthetic rubbers and

Card 1/5

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

Methods for Analyzing Products (Cont.) SOV/4668

elastomeric substances and that were developed at the All-Union Scientific Research Institute for Synthetic Rubber imeni S.V. Lebedev and at Soviet synthetic rubber plants. No personalities are mentioned. References accompany the articles.

TABLE OF CONTENTS:

Isakova, N. A., A.M. Rakhmanina, and Z.N. Orlova. Determination of Hydrocarbons of Normal Structure in Mixture With Hydrocarbons of Isostructure (For the Fraction C_5) 3

Isakova, N.A., A.M. Rakhmanina, and Z.N. Orlova. Colorimetric Determination of Isoprene in the Presence of Piperylene by Reaction Acetate of Mercury 10

Dvoryanchikova, V.N. Determination of Diethyl Ether and Amylenes in Byproducts of Synthetic Rubber Production 14

Dvoryanchikova, V.N. Refractometric Method of Determining Piperylene 19

Dvoryanchikova, V.N. Determination of Diethyl Ether, Amylene and Piperylene in the Residuum From the Distillation of 1,3-Butadiene 27

Card 2/5

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

TSAKOVA N.A.; RAKHMANINA, A.M.; ORLOVA, Z.N.

ISAKOVA, N.A.

Methods for Analyzing Products (Cont.) SOV/4668

Mogilevskaya, R.A., and A.N. Kaganova. Determination of Diacetylene and Vinylacetylene in Pyrolysis Gases and Acetylene Concentrate Obtained From the Oxidational Pyrolysis of Methane 32

Dolgopol'skiy, I.M., and S.N. Vakhlakov. A Quantitative Method of Analyzing Technical Chloroprene and Fluoroprene 41

Polikarpova, V.E., and A.N. Kaganova. Determination of Methyltrichlorosilane in Dimethyldichlorosilane 50

Isakova, N.A., and A.M. Rakhmanina. Determination of Substituted Piperidines in Products Obtained in the Production of Methylvinylpyridine Rubber 56

Dvoryanchikova, V.N. A Visual Method of Determining Water in a 1,3-Butadiene Distillate by Freezing Out 62

Polikarpova, V.F., and A.N. Kaganova. Determination of Unsaturation of Complex Polyesters 66

Card 3/5

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, N.A.; POLIKARPOVA, V.F.; MOGILEVSKAYA, R.A.; REMIZ, Z.K.; BELOVA, G.A.; FIKHTENGOL'TS, V.S.; GARMONOV, I.V., red.; MYASNIKOVA, L.B., red.

[Analysis of the products of the synthetic rubber industry] Analiz produktov proizvodstva sinteticheskikh kauchukov. Moskva, Khimiia, 1964. 315 p. (MIRA 17:12)

1. Leningrad. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

L 55095-65 EWT(m)/EPF(c)/EWP(j)/T Pc-4/Pr-4 RM

ACCESSION NR AM5010324 BOOK EXPLOITATION UR/

678.7:543.06

Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka

Analysis of the products of synthetic rubber manufacture (Analiz produktov proizvodstva sinteticheskikh kauchukov) Comp. by N. A. Isakova and others. Moscow, Izd-vo "Khimiya", 1964. 315 p. illus. Errata slip inserted. 4,500 copies printed

TOPIC TAGS: synthetic rubber, chromatographic analysis

PURPOSE AND COVERAGE: The book contains a description of methods of analysis used in chemical control in the manufacturing of various synthetic rubbers. Special chapters are included which elucidate widely used chromatographic methods in the synthetic rubber industry and physical-chemical methods which are used for the analysis of various products of synthetic rubber manufacture. The book is intended for laboratory workers, technicians and chemists who work in the area of control of synthetic rubber production. It can also be used in scientific research operations and in different chemical manufactures.

Card 1/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

KASHIN, N.V. [deceased]; VORONOV, P.I.; LEVE, R.R.; ISAKOVA, N.Kh.; KHIL'KO, Z.L.

Radio interference method for underground prospecting. Nauch.. trudy MGI no.31:5-59 '60. (MIRA 14:2)
(Radio in prospecting)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, N. P.

Dissertation : "The Effect of Boric Anhydride on the Properties as Electrodes of Borosilicate Glass." Cand Chem Sci, Leningrad State U, Leningrad 1953.

SO: Referativnyy Zhurnal, No. 5, Dec 1953, Moscow, AN USSR (W-30928)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA N. P.

AUTHOR: None Given.

62-11-29/29

TITLE: General Meeting of the Department for Chemical Sciences of the AN USSR Held in May 30-31 and June 28, 1957 (Obshchiye sobraniya Otdeleniya khimicheskikh nauk Akademii nauk SSSR 30-31 maya i 28 iyunya 1957 g).

PERIODICAL: Izvestiya AN SSSR, Otdel. Khim. Nauk, 1957, Nr 11, pp. 1416-1419 (USSR)

ABSTRACT: Chairman: Member of the Academy A. P. Vinogradov.
Lectures: A. N. Terenin, Member of the Academy. "Spectroscopy of the Molecular Compounds with Metal Halides." V. N. Filimonov, the student D. Borzovyy and Sh. Sh. Raskin helped the author in his work.
S. Z. Roginskiy, corresponding Member of the Academy,
B. V. Nekrasov, corresponding Member of the Academy,
N. D. Sokolov, Doctor of chemical sciences, M. M. Shemyakin, corresponding Member of the Academy, A. I. Kitaygorodskiy, Doctor of physico-mathematical sciences, A. P. Vinogradov, Member of the Academy, took part in the discussion.
B. P. Nikol'skiy, corresponding Member of the Academy of

Card 1/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, N. P.

F

USSR / Microbiology. Antibiosis and Symbiosis. Antibiotics. Antibiosis.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24038

Author : Isakova, N. P.
Inst : All-Union Academy of Agricultural Sciences imeni V. I. Lenin
Title : New Variation of Bacterium of the Type Bac. cereus Frankland, Pathogenic for Insects

Orig Pub : Dokl. VASKHNIL, 1958, No 3, 26-27

Abstract : No abstract given

Card 1/1

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, N.P.

Action of sporeforming bacteria of the Bacillus cereus Fr. type on some injurious insects [with summary in English]. Ent.oboz. 37 no.4:846-855 '58. (MIRA 11:12)

1. Vsesoyuznyy institut zashchity rasteniy, Leningrad.
(Bacteria, Sporeforming) (Lepidoptera--Biological control)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, N. P., Cand of Bio Sci -- (diss) "Problems of the Virulence of Entomopathogenic Bacteria in Developing a Microbiological Method of Controlling Harmful Insects," Leningrad, 1959, 16 pp (Scientific Research Institute for the Protection of Plants, Academy of Agricultural Sciences im V. I. Lenin) (KL, 8-60, 115)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

ISAKOVA, N.P.

Characteristics of a new strain of entomopathogenic bacteria of the type Bac. cereus Frankland isolated from Galleria mellonella L. Mikrobiol.zhur. 21 no.4:35-40 '59.
(MIRA 12:11)

1. Iz Vsesoyuznogo instituta zashchity rasteniy, Leningrad.
(BACILLUS)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1

BEZBORODOV, A.M.; NAMESTNIKOVA, V.P.; ISAKOVA, N.P.; KHOPKO, T.V.

Study of fermentation conditions for strain 26/1. Report No.2: Study of the fermentation conditions for strain 26/1 in laboratory fermentors. Eksp. i klin. issl. po antibiot. 2:235-240 '60. (MIRA 15:5)

(ANTIBIOTICS)
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810015-1"